## WASHINGTON STATE BUILDING CODE COUNCIL APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT TO THE WASHINGTON STATE BUILDING CODE

TO THE WAS	2012 Code	Adoption Cycle	THU COD	TL		
		1		Log #		
				(	office use only)	
PLEASE	FOLLOW INST	RUCTIONS O	N PAGE FIV	V <b>E</b>		
1 State Duilding Code to be Ame	ndadı					
1. State Building Code to be Ame	nueu:					
International Building Co	ode	State	Energy Code			
International Residential	Code	X Inter	national Mecha	anical Code		
ICC ANSI A117.1 Acces	ssibility Code	Inter	national Fuel C	Gas Code		
International Fire Code		NFP	A 54 National	Fuel Gas Code		
Uniform Plumbing Code		NFP	A 58 Liquefied	d Petroleum Gas Co	ode	
Section: 2012 IMC Section	501.4	<b>Page:</b> 39	9			
Eric Vander Mey, P.E., LEED  3. Signed:	AP					
Ein Vand	Mey -					
-	-V	Principal <b>Title</b>		March 1, 2012 <b>Date</b>		
Proponent	•	Title		Date		
4. Designated Contact Person:						
Eric Vander Mey, P.E., LEED	Eric Vander Mey, P.E., LEED AP Principal					
Name		Title			-	
Address: 1725 Westlake A Seattle, WA 9810					- -	
<b>Office Phone:</b> 206-285-71	14 Cell:	206-321-1677	Fax:			

e-mail address:

ericv@rushingco.com

Code: 2012 IMC	<b>Section:</b> 504.8	<b>Page:</b> 48
Amend section to read as follows	3:	
504.8 Common exhaust systems for clothes drin multistory structures. Where a common mult system is designed and installed to convey exhautiple clothes dryers, the construction of the system accordance with all of the following:	tistory duct ast from mul-	
1. The shaft in which the duct is installed sha and fire-resistance rated as required by the <i>International Building Code</i> .	all be constructed	
2. Dampers shall be prohibited in the exhaus of the shaft and ductwork shall be protected in accordance with Section 607.5.5, Exception		
3. Rigid metal ductwork shall be installed we shaft to convey the exhaust. The ductwork shall be constructed of sheet steel having a minimum of 0.0187 inch (0.4712 mm) (No. 26 gage) a accordance with SMACNA <i>Duct Construction</i>	hall be n thickness and in	
4. The ductwork within the shaft shall be desinstalled without offsets.	signed and	
5. The exhaust fan motor design shall be in a with Section 503.2.	accordance	
6. The exhaust fan motor shall be located ou airstream.	itside of the	
7. The exhaust fan shall run continuously, ar connected to a standby power source.	nd shall be	
8. Exhaust fan operation shall be monitored <i>approved</i> location and shall initiate an audib visual signal when the fan is not in operation	ole or	
9. Makeup air shall be provided for the exha operating. Additionally, makeup air shall be		inimum flow for the exhaust fan when the dryers are n Section 504.5.
10. A cleanout opening shall be located at the shaft to provide <i>access</i> to the duct to allow f and inspection. The finished opening shall b less than 12 inches by 12 inches (305 mm by mm).	For cleaning e not	
11. Screens shall not be installed at the term	ination.	
12. The common multistory duct system sha	all serve only clothes dryers a	nd shall be independent of other exhaust systems.
Are additional pages attached?	Yes	No

Log #	
<u> </u>	(office use only)

**Supporting Data for Statewide Amendment Proposals.** This information is required for all statewide amendment proposals. **Attach supporting documentation, as necessary; incomplete proposals will not be accepted.** 

The SBCC requires supporting data on any amendment proposal to show:

- 1. That it meets basic criteria See Part I to specify how this proposal meets the criteria for code amendment.
- 2. The intended effect—See Part II to describe the purpose of the proposed amendment, including the benefits and the problems addressed.
- 3. The potential impacts or benefits to business—See Part III/Types of Construction, to explain how methods in construction businesses, industries and services would be affected.
- 4. The potential impact on enforcement procedures, See Part III/Types of Services Required, to provide some analysis of the impacts on code enforcement in local jurisdictions.
- 5. Economic costs and benefits Use the Table in Part IV of this form to estimate the costs and benefits of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance.

## Part I & Background information on amendment.

Code References:	2012 IMC 501.4	Title:	Subduct Dryer Exhaust		
Related codes:	-	(Does tl	his amendment change of	other related codes?)	
Proponent:	Eric Vander Mey	Phone:	206-285-7114	Date:	3/1/2012
please indicate the p (1) The an (2) The an (3) The an (4) The an	e and emergency state-wide pertinent rationale for the p mendment is needed to addr mendment is needed to addr mendment is needed for con mendment is needed to addr mendment corrects errors	roposed amess a criticates a specificates sistency with the contraction of the contractio	nendment by selecting fr al life/safety need. fic state policy or statute ith state or federal regula e character of the state.	om the list below:	on one of the following criteria
Part II 💠 Amend	lment Renefit				
	DRESSED (Describe the ir	tended effe	ect of the proposed code	amendment):	
	aired to clarify intent of sec exhaust system for proper f			ion make-up air is re	equired to the snart
PRIMARY REASO	ON FOR AMENDMENT:	(Describe h	now the amendment mee	ets one of the criteria	listed above)
	orrects errors and omissions why make-up air is required		existing code language	to improve enforcem	nent.
TYPE OF BENEFI	TS PROJECTED:				
Multi-Family Resid	lential Occupancies.				

Part III <b>A</b> Amendment Impacts or Benefits:		
TYPES OF CONSTRUCTION: ☑ New Construction	☐ Alteration/Tenant Improvement/Repair	
☐ Residential-Single Family ☐ Residential-Mult	Family   Commercial Industrial	
List businesses/industries affected by amend	ment:	
	N/A	
Manufacturers:	N/A	
Specific Construction Contractors & Trades:	N/A	
Construction Supply Industry:	N/A	
Specialty Trades:	N/A	
Types of Buildings:	Residential Multi-Family	
Fire Protection Industry:	N/A	
·		
TYPES OF SERVICES REQUIRED:		
✓ <b>Reporting.</b> Brief Description:		
No impact.		
✓ <b>Record Keeping.</b> Brief Description:		
No impact.		
□Other. Brief Description:		

☑ **Indirect Cost to Industry**. Indicate whether there are multiple sources to obtain the equipment, material or service required by this proposal. If not, provide a justification of the benefit versus small business impact.

## **Part IV ❖ Amendment Costs and Benefits**

	Construction <sup>1</sup>				Enforcement <sup>2</sup>			Operations & Maintenance <sup>3</sup>		
Building Type	Costs	% impact <sup>4</sup>	Benefits <sup>5</sup>	Costs	% impact	Benefits	Costs	% impact	Benefits	
Residential										
Single family	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Multi-family	None	None	None	Lower	Minimal	None	None	None	None	
Commercial/Retail	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Industrial	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Institutional	NA	NA	NA	NA	NA	NA	NA	NA	NA	

<sup>&</sup>lt;sup>1</sup> \$ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs that impact the total cost of the construction to the owner/consumer.

<sup>&</sup>lt;sup>2</sup> Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and mediated litigation required for enforcement.

<sup>&</sup>lt;sup>3</sup> Cost to building owner/tenants over the life of the project.

<sup>&</sup>lt;sup>4</sup> Cost differential over a specific size project or range of projects as determined by the proponent. Provide sufficient cost and benefit detail to clarify the impact to the Council. All data should be created and referenced to third party reputable sources for verification.

<sup>&</sup>lt;sup>5</sup> Note sectors with measurable benefit from Part II, including benefits to a) the user, b) the public, c) the industry, and/or d) the economy; use e) for all of the above.